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PATENT
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REMARKS

Applicants respectfully request entry of the foregoing amendments under 37 CFR 1.312.

In the foregoing amendments, Applicants correct punctuation errors in claims 7 and 27. Applicants also correct minor grammatical errors in claims 19 and 27.

Applicants believe the foregoing amendments embody the correction of formal matters without changing the scope of the claims. [M.P.E.P. 714.16.]

In any case, the foregoing amendments should not require an additional search or examination, and claims 1-38 should still be allowable. Applicants did not present the foregoing amendments earlier because Applicants first noticed the errors when reviewing the allowed claims. [M.P.E.P. 714.16.]

Respectfully submitted,

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(94191.1)

APPENDIX – Marked-up Version of Amended Claims

7. (Twice amended) The method of claim 1 further including[;]:

prioritizing encoded data units for transmission such that independent units are transmitted with highest priority, remotely predicted units are transmitted with next highest priority, and predicted units are transmitted with lowest priority.

19. (Amended) The method of claim 15 wherein the remotely predicted units are classified based on a user adjustable input parameter.

27. (Amended) A method for classifying data units in a media stream for prediction-based coding, the method comprising:

reading an ordered sequence of data units in an input media stream;

classifying each of the data units in the series as one of the following types of encoded data units: an independent unit, a predicted unit, and a remotely predicted unit, such that the data units in the series are organized into segments, and each segment has an independent data unit, two or more predicted units and two or more remotely predicted units, wherein the independent data unit is a data recovery point and a random access point in the series of data units, and the remotely predicted units are data recovery points in the series of data units that are classified independently from the random access point and are located closer together in the series of data units than the independent data units, wherein the remotely predicted units are classified based on a user adjustable input parameter, and wherein the remotely predicted units are classified based on a user definable relationship between type of media content and spacing of the remotely predicted units in independent segments[.]:

wherein each of the data units classified as an independent data unit is designated to be encoded using only information from the data unit;

wherein each of the data units classified as a predicted unit is designated to be predicted from an adjacent data unit in the series; and

wherein each of the data units classified as a remotely predicted unit is designated to be predicted from a remote, non adjacent data unit in the series, which is either another remotely predicted unit or an independent data unit.